

|   |   |    |   |                          |  |                     |
|---|---|----|---|--------------------------|--|---------------------|
| Substitute for form 1449A/PTO<br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><i>(use as many sheets as necessary)</i> |   |    |   | <b>Complete if Known</b> |  |                     |
|   |   |    |   | Application Number       |  | Not Yet Assigned    |
|   |   |    |   | Filing Date              |  | September 12, 2003  |
|   |   |    |   | First Named Inventor     |  | Larry Glaser et al. |
|   |   |    |   | Art Unit                 |  | 2645                |
|   |   |    |   | Examiner Name            |  | Ming Chow           |
| Sheet   | 1 | of | 1 | Attorney Docket Number   |  | 740370-51           |


  

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document                       | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number - Kind Code <sup>2</sup> (if known) |                                |  |   |
| W                     |                          | US-5,432,931                               | 07-11-1995                     | Woess et al.                                       |   |
|                       |                          | US-5,333,183                               | 07-26-1994                     | Herbert  |   |
|                       |                          | US-5,455,852                               | 10/1995                        | Elrods et al                                       |   |
|                       |                          | US-5,369,696                               | 11/1994                        | Krauss et al                                       |   |
|                       |                          | US-5,657,376                               | 08/1997                        | Espeut et al                                       |   |
|                       |                          | US-5,416,781                               | 05/1995                        | Ruiz et al   |   |
|                       |                          | US-5,291,547                               | 03/1994                        | Boatwright et al                                   |   |
|                       |                          | US-5,646,981                               | 07/1997                        | Klein, Robert Michael                              |   |
|                       |                          | US-6,295,491                               | 09/2001                        | Ayoub et al  |   |
|                       |                          | US-5,652,787                               | 07/1997                        | O'Kelly, Cathal P.                                 |   |
|                       |                          | US-5,940,476                               | 08/1999                        | Morganstein et al                                  |   |
|                       |                          | US-5,838,918                               | 11/1998                        | Prager et al                                       |   |
|                       |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |
|                       |                          |  |                                |  |   |

| FOREIGN PATENT DOCUMENTS |                          |  |                                |  |  |                |
|--------------------------|--------------------------|--|--------------------------------|--|--|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document  | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document             | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures<br>Appear | T <sup>4</sup> |
|                          |                          | Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>2</sup><br>(if known) |                                |  |  |                |
|                          |                          | <del>WO 96-08102-A</del>   | 03-14-1996                     | <del>British<br/>Telecommunications<br/>Public Ltd. Co.,</del> |  |                |
|                          |                          |  |                                |  |  |                |
|                          |                          |  |                                |  |  |                |
|                          |                          |  |                                |  |  |                |

| OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS |   |   |                    |
|---|---|---|--------------------|
| Examiner<br>Initials*                             | Cite<br>No. <sup>1</sup>  | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T <sup>2</sup>     |
|   |   | <del>European Search Report for EP 97-93-4354 dated May 26, 2003</del>  |                    |
|   |   | <del>W. Zitzen, "Integriertes Netzmanagement Fur Campus- und Weitverkehrsnetz", NTZ (Nachrichtentechnische Zeitschrift), Vol. 48 No. 8.</del>   |                    |
|   |   | <del>M. Furukawa et al., "Analysis of Reusability of Communication Switching Software Based on C++ Object-Oriented Design", IEEE, June 23, 1996.</del>  |                    |
| Examiner<br>Signature                             |  |   | Date<br>Considered |
|   |   |   | 9-1-04             |

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

m PFO-1449  
 v. 8-83)

 U.S. Department of Commerce  
 Patent and Trademark Office

Atty.Docket No.: 740370-51

 Based on Serial No.  
 Not Yet Assigned

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant: Lawrence F. Glaser, et al.

Filing Date: Sept. 12, 2003

Group: 2645

## U.S. PATENT DOCUMENTS

| Examiner<br>Initial | Document Number | Date     | Name               | Class | Subclass | Filing Date<br>(if appropriate) |
|---------------------|-----------------|----------|--------------------|-------|----------|---------------------------------|
| (W)                 | 4 1 9 6 3 1 6   | 04/01/80 | McEwen et al.      |       |          |                                 |
|                     | 4 4 3 1 8 7 0   | 02/14/84 | May et al.         |       |          |                                 |
|                     | 4 6 0 5 8 2 5   | 08/12/86 | Komuro et al.      |       |          |                                 |
|                     | 4 7 4 7 1 2 7   | 05/24/88 | Hansen et al.      |       |          |                                 |
|                     | 4 7 6 3 3 5 3   | 08/09/88 | Canale et al.      |       |          |                                 |
|                     | 4 7 8 2 5 1 7   | 11/01/88 | Bernardis et al.   |       |          |                                 |
|                     | 4 8 9 7 8 6 6   | 01/30/90 | Majmudar et al.    |       |          |                                 |
|                     | 5 0 2 7 3 9 1   | 06/25/91 | O'Neill et al.     |       |          |                                 |
|                     | 5 0 4 8 0 8 0   | 09/10/91 | Bell et al.        |       |          |                                 |
|                     | 5 0 6 2 1 0 3   | 10/29/91 | Davidson et al.    |       |          |                                 |
|                     | 5 0 6 2 1 3 3   | 10/29/91 | Melrose            |       |          |                                 |
|                     | 5 1 1 9 4 1 3   | 06/02/92 | Okumura et al.     |       |          |                                 |
|                     | 5 1 9 5 0 8 6   | 03/16/93 | Baumgartner et al. |       |          |                                 |
|                     | 5 3 0 9 5 0 9   | 05/03/94 | Cocklin et al.     |       |          |                                 |
|                     | 5 4 8 3 5 8 5   | 01/09/96 | Parker et al.      |       |          |                                 |
| (W)                 | 4 5 1 7 4 0 9   | 05/14/85 | Nagasaki           |       |          |                                 |
|                     | 4 5 7 0 0 3 5   | 02/11/86 | Pinede et al.      |       |          |                                 |

## FOREIGN PATENT DOCUMENTS

| Document Number | Date | Country | Class | Subclass | Translation<br>Yes No |
|-----------------|------|---------|-------|----------|-----------------------|
|                 |      |         |       |          |                       |
|                 |      |         |       |          |                       |
|                 |      |         |       |          |                       |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |   |
|--|---|
|  | <del>Marketing brochure by 2nd Nature Unimax Systems Corporation</del>  |
|  | <del>Marketing brochure by Switchview</del>   |
|  | <del>Northern Telecom bulletin dated January, 1996, "Announcing Meridian Administration Tools Release 3"</del>        |
|  | <del>Northern Telecom bulletin dated January, 1995, "Meridian Administration Tools (MAT) Release 2", pages 1-22</del> |
|  | <del>Northern Telecom product description dated January, 1995, "Meridian Administration Tools (MAT)", pages 1-8</del> |

Examiner

Date Considered

9-1-04

(AMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation not in conformance and not considered. Include copy of this form with next communication to applicant.

n PTO-1449  
v. 8-83)

U.S. Department of Commerce  
Patent and Trademark Office

Atty.Docket No. 740370-51

Based on Serial No.  
Not Yet Assigned

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant Lawrence F. Glaser, et al.

Filing Date Sept. 12, 2003

Group 2742

U.S. PATENT DOCUMENTS

| miner<br>tial | Document Number | Date     | Name              | Class | Subclass | Filing Date<br>(if<br>appropriate) |
|---------------|-----------------|----------|-------------------|-------|----------|------------------------------------|
| (W)           | 4 5 9 5 8 0 0   | 06/17/86 | Nagatomi et al.   |       |          |                                    |
|               | 4 6 0 2 1 3 2   | 07/22/86 | Nagatomi et al.   |       |          |                                    |
|               | 4 7 4 1 0 2 6   | 04/26/88 | Baxter et al.     |       |          |                                    |
|               | 4 9 0 5 2 7 4   | 02/27/90 | Cooper et al.     |       |          |                                    |
|               | R E 3 5 0 5 0   | 10/03/95 | Gibbs et al.      |       |          |                                    |
|               | 4 8 2 1 3 1 6   | 04/11/89 | Okumura et al.    |       |          |                                    |
|               | 5 3 2 5 4 2 2   | 06/28/94 | Ladd              |       |          |                                    |
|               | 5 4 0 2 4 7 7   | 03/28/95 | McMahan et al.    |       |          |                                    |
|               | 5 4 7 5 7 4 6   | 12/12/95 | Miller et al.     |       |          |                                    |
|               | 4 4 5 6 7 9 0   | 06/26/84 | Soyack            |       |          |                                    |
|               | 4 7 4 4 1 0 3   | 05/10/88 | Dahlquist et al.  |       |          |                                    |
|               | 4 8 6 6 7 5 8   | 09/12/89 | Heinzelmann       |       |          |                                    |
|               | 4 9 2 8 3 0 4   | 05/22/90 | Sakai             |       |          |                                    |
|               | 5 0 9 7 5 2 8   | 03/17/92 | Gursahaney et al. |       |          |                                    |
|               | 5 3 1 1 5 7 7   | 05/10/94 | Madrid et al.     |       |          |                                    |
|               | 5 3 5 5 4 0 4   | 10/11/94 | LeDuc et al.      |       |          |                                    |
| (W)           | 5 4 6 3 6 8 2   | 10/31/95 | Fisher et al.     |       |          |                                    |

FOREIGN PATENT DOCUMENTS

| Document Number | Date | Country | Class | Subclass | Translation<br>Yes No |
|-----------------|------|---------|-------|----------|-----------------------|
|                 |      |         |       |          |                       |
|                 |      |         |       |          |                       |
|                 |      |         |       |          |                       |

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

miner

Date Considered

9-1-04

(AMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation not in conformance and not considered. Include copy of this form with next communication to applicant.

AMTHER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation not in conformance and not considered. Include copy of this form with next communication to applicant.

Form PTO-1449  
(Rev. 8-83)U.S. Department of Commerce  
Patent and Trademark Office

Atty. Docket No. 740370-51

Based on Serial No.  
Not Yet Assigned

## INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Applicant  
Lawrence F. Glaser et al.

Group 2742

September 12, 2003

## U.S. PATENT DOCUMENTS

| Examiner Initial | Document Number | Date     | Name                 | Class | Subclass | Filing Date (if appropriate) |
|------------------|-----------------|----------|----------------------|-------|----------|------------------------------|
| (w)              | 5,555,288       | 09/10/96 | Wilson et al.        |       |          |                              |
|                  | 5,369,696       | 11/29/94 | Krauss et al.        |       |          |                              |
|                  | 5,420,917       | 05/30/95 | Guzman               |       |          |                              |
|                  | 5,455,852       | 10/03/95 | Elrod et al.         |       |          |                              |
|                  | 5,465,294       | 11/07/95 | Chapman, Jr., et al. |       |          |                              |
|                  | 5,657,376       | 08/12/97 | Espeut et al.        |       |          |                              |
|                  | 5,049,873       | 09/17/91 | Robins et al.        |       |          |                              |
|                  | 5,276,727       | 01/04/94 | Kim et al.           |       |          |                              |
|                  | 5,488,569       | 01/30/96 | Kaplan et al.        |       |          |                              |
|                  | 5,533,109       | 07/02/96 | Baker                |       |          |                              |
|                  | 5,537,466       | 07/16/96 | Taylor et al.        |       |          |                              |
|                  | 5,577,041       | 11/19/96 | Sharma et al.        |       |          |                              |
|                  | 5,621,727       | 04/15/97 | Vandervil            |       |          |                              |
| (w)              | 5,469,503       | 11/21/95 | Butensky et al.      |       |          |                              |

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

55 pages from Internet website <http://www.nclogic.com/> relating to NEC AIMWORX System Copyright 1997-1998.~~"NetPlus Telephony Management System: Accounting Management, Configuration Management, Fault Management, Product Backplane" ACE COMM, No. N96-1252.~~~~"Network Solutions That Work", No. A973648.~~~~"AceComms Right Connections", Washington Post, October 27, 1997.~~~~"NetPlus® Telephony Management System", No. N96-1379.~~~~"Full Service Maintenance, NET\*COMM Division", No. N96-0180.~~~~"NetPlus™ A Full Service Approach to Network Management", No. N96-1378.~~~~"Technical Support Services NET\*COMM Division", No. N96-1375.~~~~"ACE\*COMM, An ISO 9001 Registered Company", No. N96-1377.~~

Examiner

Date Considered

9-1-04

\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.